IAP3 Rec'd PCT/PTO 09 JAN 2006

PTO-1390 (Rev. 02-2005) Approved for use through 3/31/2007. OMB 0651-0021 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

ATTORNEY'S DOCKET NUMBER 032213M040

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CONCERNING A SUBMISSION UNDER 35 U.S.C. 371 INTERNATIONAL APPLICATION NO. INTERNATIONAL FILING DATE PRIORITY DATE CLAIMED July 9, 2004 July 10, 2003 PCT/JP2004/009810 TITLE OF INVENTION PIEZOELECTRIC DEVICE AND METHOD FOR MANUFACTURING THE SAME CUSTOMER NO. 00441 APPLICANT(S) FOR DO/EO/US Kazuo MURATA Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items 3. (5), (6), (9) and (21) indicated below. ☐ The US has been elected (Article 31). A copy of the International Application as filed (35 U.S.C. 371(c)(2)) is attached hereto (required only if not communicated by the International Bureau). A has been communicated by the International Bureau. is not required, as the application was filed in the United States Receiving Office (RO/US). An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). \boxtimes is attached hereto. b. has been previously submitted under 35 U.S.C. 154(d)(4). Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) \boxtimes are attached hereto (required only if not communicated by the International Bureau). have been communicated by the International Bureau. have not been made; however, the time limit for making such amendments has NOT expired. d. have not been made and will not be made. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). \boxtimes An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 9.. An English language translation of the annexes of the International Preliminary Examination Report under PCT 10. Article 36 (35 U.S.C. 371(c)(5)). Items 11 to 20 below concern document(s) or information included: 11. 🛛 An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. A preliminary amendment. 14. \square An Application Data Sheet under 37 CFR 1.76. 15. \square A substitute specification. 16. \square A power of attorney and/or change of address letter. 17. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825. 18. A second copy of the published International Application under 35 U.S.C. 154(d)(4). 19. A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Other items or information: Cover page of WO 2005/006548; International Search Report (PCT/ISA/210); and PCT/IB/308;

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U.S. APPLICATION NO ((III) 000, 800 24 CER 1.5) INTERNATIONAL APPLICATION NO. ATTORNEY'S DOCKET NUMBER 032213M040 PCT/JP2004/009810 **CALCULATIONS** PTO USE ONLY The following fees are submitted: 21. Basic national\$300 \$ 300 22.

Examination Fee If international preliminary examination report prepared by USPTO and all claims satisfy provisions of \$ 200 PCT Article 33(1)-(4)\$100 All other situations ... 23. X Search fee Search fee (37 CFR 1.445(a)(2) has been paid on the international application to the USPTO as an \$ 400 International Searching Authority\$100 International Search Report prepared and provided in the Office\$400 All other situations\$500 TOTAL OF 21, 22 and 23 = \$ 900 Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. **Total Sheets** Extra sheets Number of each additional 50 or fraction RATE thereof (round up to a whole number) \$0 - 100 = 0/50 =x \$250 \$ Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest \$ NUMBER FILED RATE CLAIMS NUMBER EXTRA \$0 Total claims 10 - 20 = \$50 3 - 3 = 0 x \$200 Independent claims \$0 \$ 360 MULTIPLE DEPENDENT CLAIM(S) (if applicable) + \$360 TOTAL OF ABOVE CALCULATIONS = \$ 1260 Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2. SUBTOTAL = \$ 1260 Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)). \$ 1260 **TOTAL NATIONAL FEE =** Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied \$ 40 by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property **TOTAL FEES ENCLOSED =** \$ 1300 Amount to be \$ refunded: Amount to be \$ charged: \boxtimes A check in the amount of \$ 1,300 to cover the above fees is enclosed. b. 🔲 to cover the above fees. Please charge my Deposit Account No. in the amount of \$ A duplicate copy of this sheet is enclosed. c. 🛛 The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 02-4300 . A duplicate copy of this sheet is enclosed. d. 🔲 Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status. SEND ALL CORRESPONDENCE TO: Michael A. Makuch **SIGNATURE** Smith, Gambrell & Russell Michael A. Makuch 1850 M Street, N.W., Suite 800 NAME Washington, DC 20036 32,263 REGISTRATION NUMBER